

Title (en)

Device for temporary storage and controllable release of a given amount of water

Title (de)

Vorrichtung zur Zwischenspeicherung und steuerbaren Freigabe einer vorgebbaren Wassermenge

Title (fr)

Dispositif pour le stockage temporaire et délivrance contrôlable d'une certaine quantité d'eau

Publication

**EP 0791696 B1 20040929 (DE)**

Application

**EP 97102605 A 19970218**

Priority

DE 19606441 A 19960221

Abstract (en)

[origin: EP0791696A1] The device is automatically refilled via an intake arrangement (10). It consists of a tubular container (12) which is integrated in a wall. The container is mostly enclosed by an insulation material (14), and has an outlet valve (16). The outlet valve is opened by a trigger (38) to release the set water volume. The trigger is located on the container or at a freely selected distance from it. The valve has a water brake for closing delay. It has a valve body raised by a valve plunger and preferably two buoyancy bodies in the container.

IPC 1-7

**E03D 1/01**

IPC 8 full level

**E03D 1/01** (2006.01)

CPC (source: EP US)

**E03D 1/01** (2013.01 - EP US); **Y10T 137/698** (2015.04 - EP US); **Y10T 137/7036** (2015.04 - EP US); **Y10T 137/7303** (2015.04 - EP US)

Citation (examination)

- EP 0480296 A1 19920415 - MERO WERKE KG [DE]
- EP 0663480 A1 19950719 - MISSEL GMBH & CO E [DE]

Cited by

DE19951456C1; EP0939171A1; EP1367187A2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

**EP 0791696 A1 19970827**; **EP 0791696 B1 20040929**; AT E278072 T1 20041015; DE 19606441 A1 19970828; DE 19606441 B4 20050922; DE 29623545 U1 19981126; DE 59711964 D1 20041104; DK 0791696 T3 20041025; ES 2224190 T3 20050301; PT 791696 E 20050131; US 6062253 A 20000516

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